

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTENTION: MAIL STOP PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventor: Keith P. Bargroff

For: MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING CONSTANT EVEN ORDER  
GENERATION AND METHOD OF OPERATION

Enclosed are:

- (X) 5 sheets of drawings.
- (X) Return prepaid postcard.

The present application qualifies for small entity status under 37 C.F.R. § 1.27. The fees are calculated below:

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$385	\$385
Total Claims	47 - 20 =	27 ×	\$9	\$243
Independent Claims	6 - 3 =	3 ×	\$43	\$129
If application contains any multiple dependent claims(s), then add			\$145	\$0
FILING FEE TO BE PAID AT A LATER DATE		\$757		

- (X) Please use Customer No. 20,995 for the correspondence address.

*Raymond B. Hom*  
Raymond B. Hom  
Registration No. 44,773  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : RFMAGIC.004A  
**Applicant(s)** : Keith P. Bargroff  
**For** : MIXER CIRCUIT WITH BYPASS AND  
MIXING MODES HAVING CONSTANT  
EVEN ORDER GENERATION AND  
METHOD OF OPERATION  
**Attorney** : Raymond B. Hom  
**"Express Mail"**  
**Mailing Label No.** : EV 323829641 US  
**Date of Deposit** : December 11, 2003

I hereby certify that the accompanying

Transmittal letter; Specification in 22 pages; 5 sheets of drawings; Return Prepaid  
Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature: 

Name: ISMAEL CENTENO